

Title (en)  
ELECTRONIC CIRCUIT

Title (de)  
ELEKTRONISCHE SCHALTUNG

Title (fr)  
CIRCUIT ÉLECTRONIQUE

Publication  
**EP 2760121 A4 20160427 (EN)**

Application  
**EP 12833355 A 20120920**

Priority  
• JP 2011204883 A 20110920  
• JP 2012074094 W 20120920

Abstract (en)  
[origin: EP2760121A1] The invention provides an electronic circuit capable of reducing surge voltage while reducing switching loss when a MOSFET is turned off. A capacitor (91) is connected between a part closer to a first power source terminal (31) of a U-phase module (3) in a bus bar (61a) and a part closer to a second power source terminal (32) of the U-phase module (3) in a bus bar (64a) . A capacitor (92) is connected between a part closer to a first power source terminal (41) of a V-phase module (4) in a bus bar (62) and a part closer to a second power source terminal (42) of the V-phase module (4) in a bus bar (65). A capacitor (93) is connected between a part closer to a first power source terminal (51) of a W-phase module (5) in a bus bar (63) and a part closer to a second power source terminal (52) of the W-phase module (5) in a bus bar (66).

IPC 8 full level  
**H02M 7/48** (2007.01)

CPC (source: EP US)  
**H02M 1/34** (2013.01 - US); **H02M 7/003** (2013.01 - EP US); **H02M 7/537** (2013.01 - US); **H02M 7/5387** (2013.01 - EP US);  
**H02M 1/346** (2021.05 - EP US); **H02M 1/348** (2021.05 - US); **Y02B 70/10** (2013.01 - EP US)

Citation (search report)  
• [I] EP 1081833 A1 20010307 - TOSHIBA KK [JP]  
• See references of WO 2013042741A1

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